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## *EN* – LOGIC

This is a lecture read at the V Conference Logical Calculi, Wrocław, November 1973. The full text will appear in *Studia Logica*.

The *EN*-logic deals with identity connective  $\equiv$  and truth-functional connective of negation  $\neg$  only. The corresponding sentential language  $L$  may or may not involve other connectives, conceived as extralogical formatters. The *EN*-logic is the pair  $\langle L, C \rangle$  where  $C$  is the consequence operation imposed on the set of all formulas of  $L$  and concerned with  $\equiv$  and  $\neg$ . Three equivalent definitions of  $C$  are given (using models, truth-valuations and rules of inference). Also an outline of the semantics of *EN*-logic is presented (e.g. adequate models, dual space of truth-valuations).

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